

Abstract of the Invention

**APPARATUS FOR ATTACHING A GROUND-
ENGAGING TOOL TO AN IMPLEMENT FRAME**

An apparatus for attaching a ground-engaging tool to an implement frame comprises a frame bracket defining a pair of laterally spaced parallel cylindrical bores, the frame bracket adapted for rigid attachment to the implement frame such that the bores are oriented substantially upright. A pair of cylindrical shafts is provided, one shaft slidingly engaged in each bore. The shafts are connected such that the shafts slide in the bores substantially in unison and a stop is operative to selectively fix the position of the shafts with respect to the frame bracket. An opener bracket is attached to a lower portion of both shafts and is adapted for attachment to a ground-engaging tool.